

- the two or more peaks are less than a shelf level of the second forecast load profile; and  
 the forecast peak is less than the shelf level of the second forecast load profile.
- 13.** The load shaper device of claim **11**, wherein the one or more processing units are configured to:  
 configure the plurality of building devices to correspond with the first forecast load profile based on a determination that:  
 the two or more peaks are less than a shelf level of the second forecast load profile;  
 the forecast peak is greater than the shelf level of the second forecast load profile; and  
 an energy storage system (ESS) capacity is greater than an energy consumption, above the shelf level of the second forecast load profile, of the first forecast load profile.
- 14.** The load shaper device of claim **11**, wherein the one or more processing units are configured to:  
 configure the plurality of building devices to correspond with the second forecast load profile based on a determination that:  
 the two or more peaks are less than a shelf level of the second forecast load profile;  
 the forecast peak is greater than the shelf level of the second forecast load profile; and  
 an energy storage system (ESS) capacity is less than an energy consumption, above the shelf level of the second forecast load profile, of the first forecast load profile.
- 15.** The load shaper device as in claim **11**, **12**, **13**, or **14**, wherein the one or more processing units are configured to:

- configure the plurality of building devices to correspond with the first forecast load profile based on a determination that:  
 the two or more peaks are equal to a shelf level of the second forecast load profile;  
 the forecast peak is greater than the shelf level of the second forecast load profile; and  
 an energy storage system (ESS) capacity is greater than an energy consumption, above the shelf level of the second forecast load profile, of the first forecast load profile.
- 16.** The load shaper device as in claim **11**, **12**, **13**, or **14**, wherein the one or more processing units are configured to:  
 configure the plurality of building devices to correspond with the second forecast load profile based on a determination that:  
 the two or more peaks are equal to a shelf level of the second forecast load profile;  
 the forecast peak is greater than the shelf level of the second forecast load profile; and  
 an energy storage system (ESS) capacity is less than an energy consumption, above the shelf level of the second forecast load profile, of the first forecast load profile.
- 17.** The load shaper device as in claim **11**, **12**, **13**, or **14**, wherein the one or more processing units are configured to:  
 configure the plurality of building devices to correspond with the first forecast load profile based on a determination that:  
 the two or more peaks are equal to a shelf level of the second forecast load profile; and  
 the forecast peak is less than the shelf level of the second forecast load profile.

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